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Dell Healthcare Services





### The Metaphor...



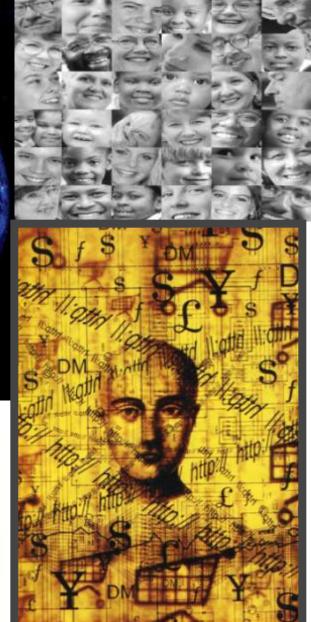


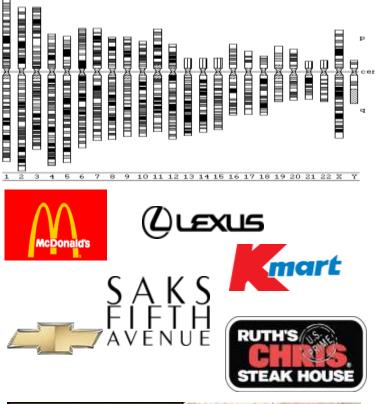
### The Metaphor...



#### The Domains of Change – in Healthcare...



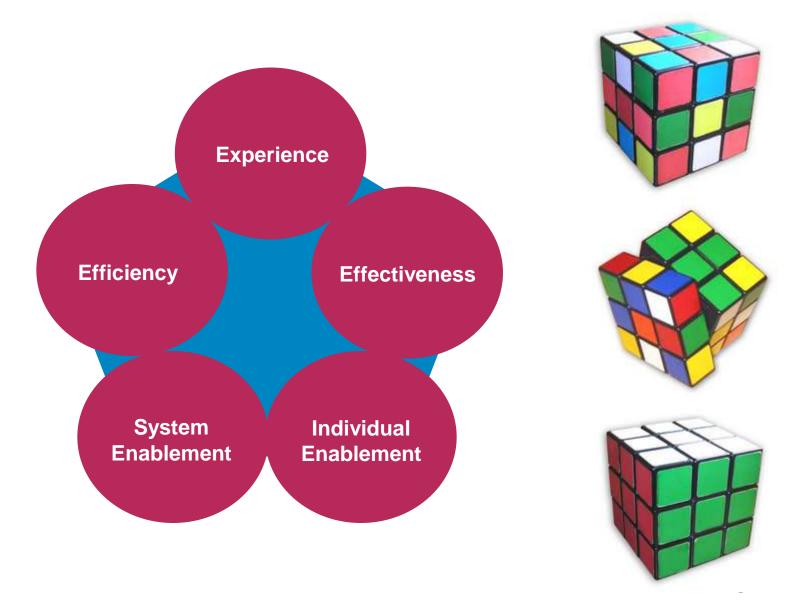








#### The Future of Healthcare...



#### The Future of Healthcare...

- Peripheral Intelligence
- Workforce Globalization
- Professional Collaboration
- Diagnostic Diffusion
- Cloud Computing



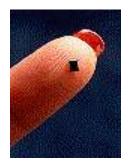


#### The Future of Healthcare...

## **Predictive Knowledge**



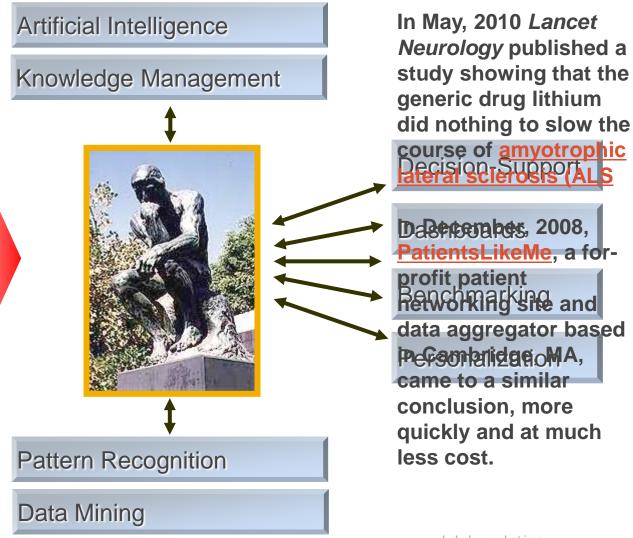
Standardization



Peripheral Intelligence



CaaS



# How will Predictive Knowledge Management become reality?

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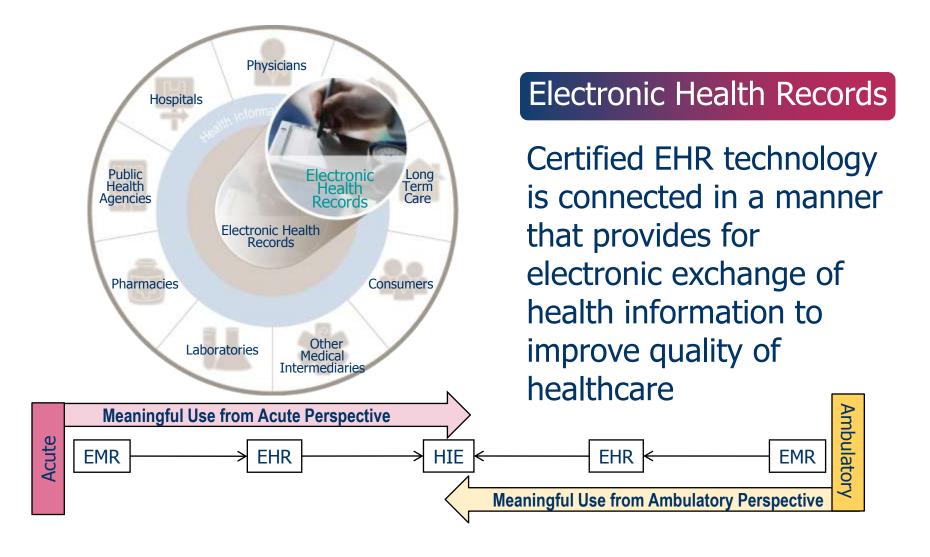
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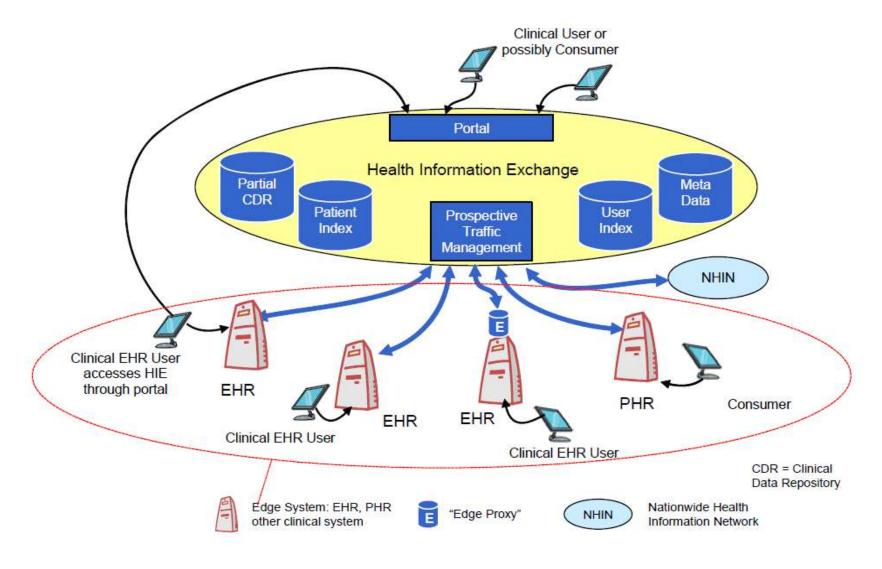
nd, ransparency



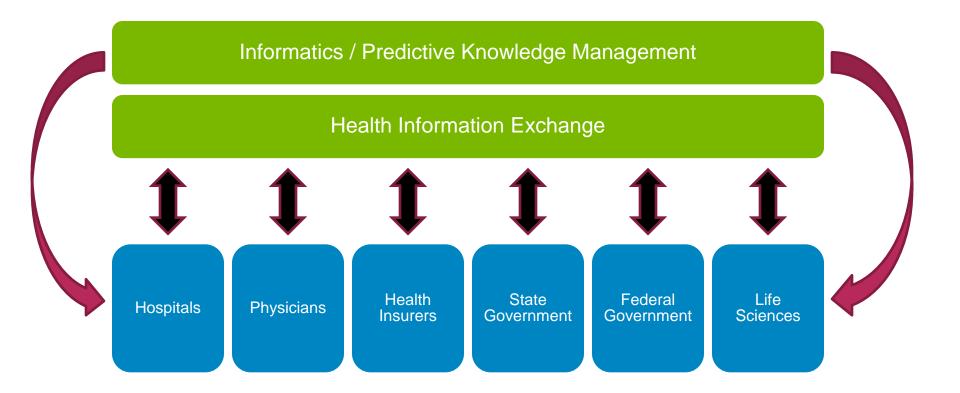
# ARRA definition of meaningful use will stimulate HIE growth



### The Connectivity: Interoperability Exchanges

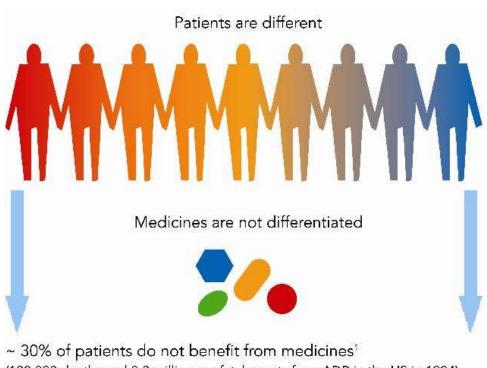


## el ler vi ces eal thcare: expansi on opport uni ti es





#### Today's medicine challenge: One size doesn't fit all



(100,000 deaths and 2.2 million nonfatal events from ADR in the US in 1994)

<sup>1</sup>JAMA 1998, 279: 1200

Source: Bayer HealthCare Diagnostics and Burrill & Company

#### Information Makes Healthcare Personal... Again



#### Personalized Medicine – The current paradigm

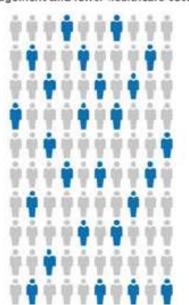


#### THE RIGHT

### THE RIGHT INTERPRETATION

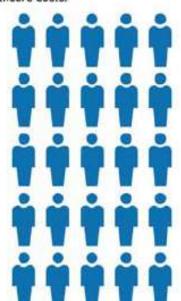
#### WHY IT MATTERS:

Finding the right people to benefit from genomic medicine can improve disease management and lower healthcare costs.



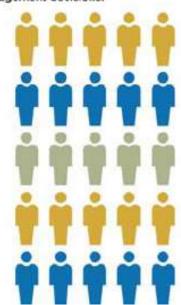
#### WHY IT MATTERS:

Getting the wrong test can misinform medical decisions and increase healthcare costs.



#### WHY IT MATTERS:

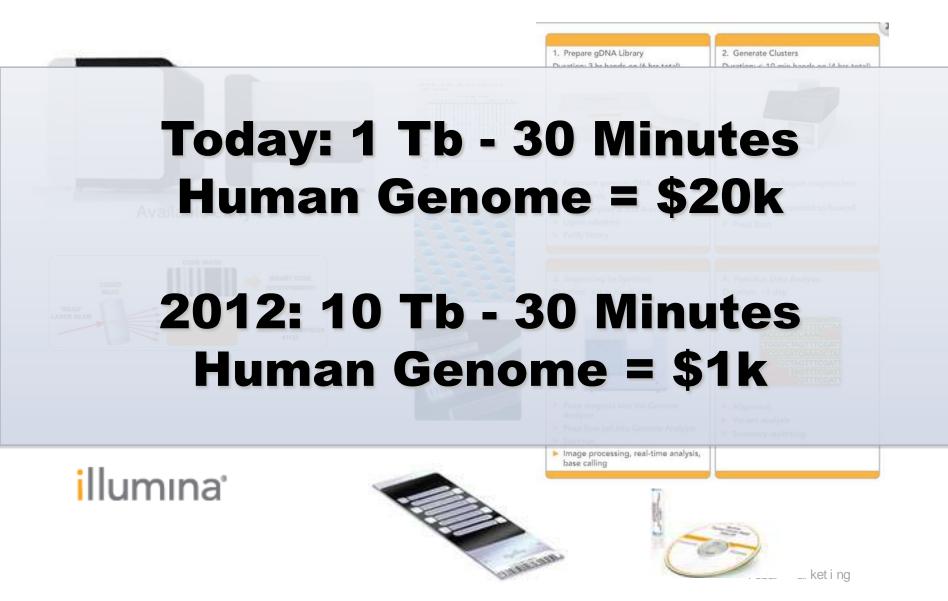
Delivers the full value of genetic information and enables physicians to make appropriate management decisions.



(Source – DNA Direct)

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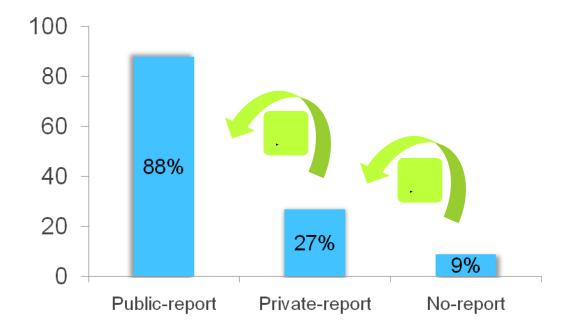
#### The Genome: What it Takes and What it Costs?



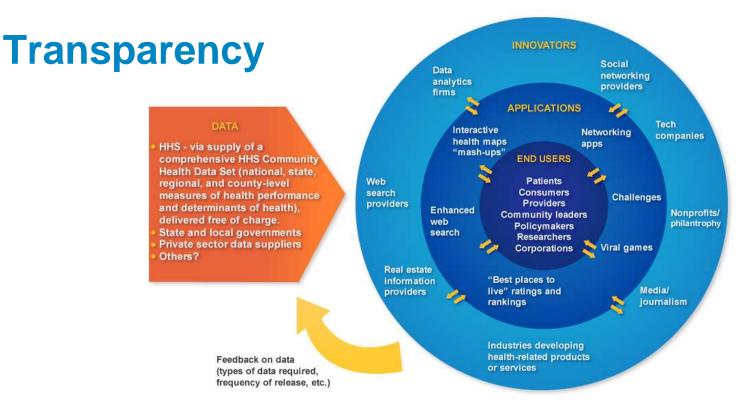
#### **Transparency**

ublic disclosure leads to performance improvement

ercentage of hospitals with quality improvement activities in reducing hemorrhage following poor results in performance



Reference: Hibbard et al. Health Affairs 2003:22(4):84



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  - ublic-rivate roject = educate citizens on healthcare performance in their community + opening up the medical system
  - r ovi de dat a onl i ne
    - nitially edicare data on disease, quality, cost and utilization
  - imilar to the approach which compiles climate statistics
  - nd, it's just the beginning...

#### Dell Services in Personalized Medicine

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•per at es the  $\setminus$  at initial and information of the sites to sephs and scension ealth



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#### So, What Does It All Mean?

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- he enone
- he et work
- nd, ransparency

= he ransformation...









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#### **Thank You**



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